

WHAT IS CLAIMED IS:

1. A computer based local navigation system, comprising,  
a localizer;  
a computer system in communication with the localizer for storing and executing instructions for performing the following process:  
displaying in at least two screens corresponding to two or more steps of a hip-replacement procedure, at least one of the two or more screens requesting information on location of at least one anatomical landmark for defining a predetermined anatomical feature of a hip of a patient; and  
displaying in the other of the at least two screens a position and an angle, relative to a predetermined the feature of the hip, of a surgical tool being tracked.